

Sanitary Facilities - Part 1.

Guthrie County, Iowa

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
6: Okoboji-----	100	Very limited Depth to saturated zone Restricted permeability	1.00 0.91	Very limited Depth to saturated zone	1.00
8B: Judson-----	100	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Somewhat limited Seepage Slope	0.50 0.33
8C: Judson-----	100	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Very limited Slope Seepage	1.00 0.50
9B: Marshall-----	100	Not limited restricted permeability	0.25	Somewhat limited Seepage Slope	0.50 0.33
9C2: Marshall-----	100	Not limited restricted permeability	0.25	Very limited Slope Seepage	1.00 0.50
9D2: Marshall-----	100	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope Seepage	1.00 0.50
11B: Colo-----	60	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage Slope	1.00 0.50 0.33

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		Rating class and limiting features	Value	Rating class and limiting features	Value
Judson-----	30	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Somewhat limited Seepage Slope	0.50 0.33
24B: Shelby-----	100	Somewhat limited Restricted permeability Depth to saturated zone	0.91 0.43	Somewhat limited Slope	0.33
24C2: Shelby-----	100	Somewhat limited Restricted permeability Depth to saturated zone	0.91 0.43	Very limited Slope	1.00
24D2: Shelby-----	100	Somewhat limited Restricted permeability Slope Depth to saturated zone	0.91 0.63 0.43	Very limited Slope	1.00
24E2: Shelby-----	100	Very limited Slope Restricted permeability Depth to saturated zone	1.00 0.91 0.43	Very limited Slope	1.00
24E3: Shelby-----	100	Very limited Slope Restricted permeability Depth to saturated zone	1.00 0.91 0.43	Very limited Slope	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
24F2: Shelby-----	100	Very limited Slope Restricted permeability Depth to saturated zone	1.00 0.91 0.43	Very limited Slope	1.00
24F3: Shelby-----	100	Very limited Slope Restricted permeability Depth to saturated zone	1.00 0.91 0.43	Very limited Slope	1.00
51A: Vesser-----	95	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 0.50
51A+: Vesser-----	95	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 0.50
54: Zook-----	100	Very limited Flooding Depth to saturated zone Restricted permeability	1.00 1.00 0.99	Very limited Flooding Depth to saturated zone	1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
54+: Zook-----	100	Very limited Flooding Depth to saturated zone Restricted permeability	1.00 1.00 0.99	Very limited Flooding Depth to saturated zone	1.00 1.00
55A: Nicollet-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage Slope	0.92 0.50 0.01
62C2: Storden-----	100	Not limited restricted permeability	0.25	Very limited Slope Seepage	1.00 0.50
62D2: Storden-----	100	Somewhat limited Slope restricted permeability	0.63 0.25	Very limited Slope Seepage	1.00 0.50
62E2: Storden-----	100	Very limited Slope restricted permeability	1.00 0.25	Very limited Slope Seepage	1.00 0.50
62F2: Storden-----	100	Very limited Slope restricted permeability	1.00 0.25	Very limited Slope Seepage	1.00 0.50
65E2: Lindley-----	100	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
65F2: Lindley-----	100	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
65F3: Lindley-----	100	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
65G2: Lindley-----	100	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
69D2: Clearfield-----	100	Very limited Depth to saturated zone Restricted permeability Slope	1.00 1.00 0.63	Very limited Slope Depth to saturated zone	1.00 1.00
73D2: Salida-----	100	Very limited Filtering capacity Slope	1.00 0.37	Very limited Seepage Slope	1.00 1.00
76A: Ladoga-----	100	Very limited Restricted permeability Depth to saturated zone	1.00 0.40	Somewhat limited Seepage	0.50
76B: Ladoga-----	100	Very limited Restricted permeability Depth to saturated zone	1.00 0.40	Somewhat limited Seepage Slope	0.50 0.33

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		Rating class and limiting features	Value	Rating class and limiting features	Value
76C: Ladoga-----	100	Very limited Restricted permeability Depth to saturated zone	1.00 0.40	Very limited Slope Seepage	1.00 0.50
76C2: Ladoga-----	100	Very limited Restricted permeability Depth to saturated zone	1.00 0.40	Very limited Slope Seepage	1.00 0.50
76D: Ladoga-----	100	Very limited Restricted permeability Slope Depth to saturated zone	1.00 0.63 0.40	Very limited Slope Seepage	1.00 0.50
76D2: Ladoga-----	100	Very limited Restricted permeability Slope Depth to saturated zone	1.00 0.63 0.40	Very limited Slope Seepage	1.00 0.50
76E2: Ladoga-----	100	Very limited Slope Restricted permeability Depth to saturated zone	1.00 1.00 0.40	Very limited Slope Seepage	1.00 0.50
80B: Clinton-----	100	Very limited Restricted permeability Depth to saturated zone	1.00 0.40	Somewhat limited Seepage Slope	0.50 0.33

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		Rating class and limiting features	Value	Rating class and limiting features	Value
80C2: Clinton-----	100	Very limited Restricted permeability Depth to saturated zone	1.00 0.40	Very limited Slope Seepage	1.00 0.50
80D2: Clinton-----	100	Very limited Restricted permeability Slope Depth to saturated zone	1.00 0.63 0.40	Very limited Slope Seepage	1.00 0.50
80D3: Clinton-----	100	Very limited Restricted permeability Slope Depth to saturated zone	1.00 0.63 0.40	Very limited Slope Seepage	1.00 0.50
88: Nevin-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
93D2: Shelby-----	60	Somewhat limited Restricted permeability Slope Depth to saturated zone	0.91 0.63 0.43	Very limited Slope	1.00
Adair-----	35	Very limited Depth to saturated zone Restricted permeability Slope	1.00 0.99 0.63	Very limited Slope Depth to saturated zone	1.00 1.00

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
93D3: Shelby-----	60	Somewhat limited Restricted permeability Slope Depth to saturated zone	0.91 0.63 0.43	Very limited Slope	1.00
Adair-----	35	Very limited Depth to saturated zone Restricted permeability Slope	1.00 0.99 0.63	Very limited Slope Depth to saturated zone	1.00 1.00
93E2: Shelby-----	60	Very limited Slope Restricted permeability Depth to saturated zone	1.00 0.91 0.43	Very limited Slope	1.00
Adair-----	30	Very limited Depth to saturated zone Slope Restricted permeability	1.00 1.00 0.99	Very limited Slope Depth to saturated zone	1.00 1.00
93E3: Shelby-----	60	Very limited Slope Restricted permeability Depth to saturated zone	1.00 0.91 0.43	Very limited Slope	1.00
Adair-----	30	Very limited Depth to saturated zone Slope Restricted permeability	1.00 1.00 0.99	Very limited Slope Depth to saturated zone	1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
95: Harps-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
107: Webster-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
108A: Wadena-----	100	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage	1.00
108B: Wadena-----	100	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage Slope	1.00 0.33
108C2: Wadena-----	100	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage Slope	1.00 1.00
133A: Colo-----	100	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
133A+: Colo-----	100	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 0.50
133B: Colo-----	100	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage Slope	1.00 0.50 0.33
133B+: Colo-----	100	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage Slope	1.00 0.50 0.33
138B: Clarion-----	100	Not limited restricted permeability	0.25	Somewhat limited Seepage Slope	0.50 0.33
138B2: Clarion-----	100	Not limited restricted permeability	0.25	Somewhat limited Seepage Slope	0.50 0.33
138C: Clarion-----	100	Not limited restricted permeability	0.25	Very limited Slope Seepage	1.00 0.50

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
138C2: Clarion-----	100	Not limited restricted permeability	0.25	Very limited Slope	1.00
				Seepage	0.50
138D2: Clarion-----	100	Somewhat limited Slope	0.63	Very limited Slope	1.00
		restricted permeability	0.25	Seepage	0.50
138E: Clarion-----	100	Very limited Slope	1.00	Very limited Slope	1.00
		restricted permeability	0.25	Seepage	0.50
179D2: Gara-----	100	Very limited Restricted permeability	1.00	Very limited Slope	1.00
		Slope	0.63		
		Depth to saturated zone	0.43		
179E2: Gara-----	100	Very limited Slope	1.00	Very limited Slope	1.00
		Restricted permeability	1.00		
		Depth to saturated zone	0.43		
179F2: Gara-----	100	Very limited Slope	1.00	Very limited Slope	1.00
		Restricted permeability	1.00		
		Depth to saturated zone	0.43		

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		Rating class and limiting features	Value	Rating class and limiting features	Value
179G2: Gara-----	100	Very limited Slope Restricted permeability Depth to saturated zone	1.00 1.00 0.43	Very limited Slope	1.00
192D2: Adair-----	100	Very limited Depth to saturated zone Restricted permeability Slope	1.00 0.99 0.63	Very limited Slope Depth to saturated zone	1.00 1.00
192E2: Adair-----	100	Very limited Depth to saturated zone Slope Restricted permeability	1.00 1.00 0.99	Very limited Slope Depth to saturated zone	1.00 1.00
192E3: Adair-----	100	Very limited Depth to saturated zone Slope Restricted permeability	1.00 1.00 0.99	Very limited Slope Depth to saturated zone	1.00 1.00
201B: Olmnitz-----	50	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Somewhat limited Slope Seepage	0.67 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
Colo-----	30	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage Slope	1.00 1.00 0.50 0.33
203: Cylinder-----	95	Very limited Filtering capacity Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Seepage Depth to saturated zone	1.00 1.00
212: Kennebec-----	95	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 0.71 0.50
220: Nodaway-----	95	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 0.71 0.50
222C2: Clarinda-----	100	Very limited Depth to saturated zone Restricted permeability	1.00 1.00	Very limited Depth to saturated zone Slope	1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
222D2: Clarinda-----	100	Very limited Depth to saturated zone	1.00	Very limited Slope	1.00
		Restricted permeability	1.00	Depth to saturated zone	1.00
		Slope	0.63		
236B: Lester-----	100	Somewhat limited restricted permeability	0.35	Somewhat limited Seepage	0.50
				Slope	0.33
236C2: Lester-----	100	Somewhat limited restricted permeability	0.35	Very limited Slope	1.00
				Seepage	0.50
236D2: Lester-----	100	Somewhat limited Slope	0.63	Very limited Slope	1.00
		restricted permeability	0.35	Seepage	0.50
269: Humeston-----	100	Very limited Flooding	1.00	Very limited Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	1.00	Seepage	0.32
273B: Olmitz-----	100	Somewhat limited Depth to saturated zone	0.43	Somewhat limited Seepage	0.50
		restricted permeability	0.25	Slope	0.33

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		Rating class and limiting features	Value	Rating class and limiting features	Value
273C: Olmitz-----	100	Somewhat limited Depth to saturated zone restricted permeability	0.43 0.25	Very limited Slope Seepage	1.00 0.50
308A: Wadena-----	100	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage	1.00
308B: Wadena-----	100	Very limited Filtering capacity restricted permeability	1.00 0.25	Very limited Seepage Slope	1.00 0.33
308C: Wadena-----	100	Very limited Filtering capacity restricted permeability Slope	1.00 0.25 0.16	Very limited Seepage Slope	1.00 1.00
313E2: Gosport-----	100	Very limited Depth to bedrock Depth to saturated zone Slope	1.00 1.00 0.96	Very limited Depth to soft bedrock Slope Depth to saturated zone	1.00 1.00 1.00
313F2: Gosport-----	100	Very limited Depth to bedrock Depth to saturated zone Slope	1.00 1.00 1.00	Very limited Depth to soft bedrock Slope Depth to saturated zone	1.00 1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
315: Alluvial Land-----	90	Not rated		Not rated	
318F: Clanton-----	100	Very limited Restricted permeability Slope Depth to saturated zone	1.00 1.00 0.43	Very limited Slope	1.00
354: Marsh-----	95	Not rated		Not rated	
368: Macksburg-----	95	Very limited Depth to saturated zone Restricted permeability	1.00 0.91	Somewhat limited Depth to saturated zone Seepage	0.71 0.50
370A: Sharpsburg-----	100	Somewhat limited Restricted permeability Depth to saturated zone	0.91 0.40	Somewhat limited Seepage	0.50
370B: Sharpsburg-----	100	Somewhat limited Restricted permeability Depth to saturated zone	0.91 0.40	Somewhat limited Seepage Slope	0.50 0.33
370C: Sharpsburg-----	100	Somewhat limited Restricted permeability Depth to saturated zone	0.91 0.40	Very limited Slope Seepage	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
370C2: Sharpsburg-----	100	Somewhat limited Restricted permeability Depth to saturated zone	0.91 0.40	Very limited Slope Seepage	1.00 0.50
370D: Sharpsburg-----	100	Somewhat limited Restricted permeability Slope Depth to saturated zone	0.91 0.63 0.40	Very limited Slope Seepage	1.00 0.50
370D2: Sharpsburg-----	100	Somewhat limited Restricted permeability Slope Depth to saturated zone	0.91 0.63 0.40	Very limited Slope Seepage	1.00 0.50
370E2: Sharpsburg-----	100	Very limited Slope Restricted permeability Depth to saturated zone	1.00 0.91 0.40	Very limited Slope Seepage	1.00 0.50
415D: Montieth-----	100	Very limited Depth to bedrock Filtering capacity Slope	1.00 1.00 0.63	Very limited Depth to soft bedrock Slope Seepage	1.00 1.00 1.00
415E: Montieth-----	100	Very limited Depth to bedrock Slope Filtering capacity	1.00 1.00 1.00	Very limited Depth to soft bedrock Slope Seepage	1.00 1.00 1.00

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		Rating class and limiting features	Value	Rating class and limiting features	Value
415F: Montieth-----	100	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
416E: Hesch-----	100	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Filtering capacity	1.00	Slope	1.00
		Slope	0.96	Seepage	1.00
417D: Hesch-----	100	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Filtering capacity	1.00	Slope	1.00
		Slope	0.63	Seepage	1.00
417E: Hesch-----	100	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
428B: Ely-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage Slope	1.00 0.50 0.33

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		Rating class and limiting features	Value	Rating class and limiting features	Value
485A: Spillville-----	95	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Seepage Depth to saturated zone	1.00 1.00 0.71
507: Canisteo-----	95	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage	1.00 0.50
585B: Colo-----	60	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage Slope	1.00 0.50 0.33
Spillville-----	30	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Seepage Depth to saturated zone Slope	1.00 0.71 0.33
615B: Colo-----	60	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Depth to saturated zone Seepage Slope	1.00 0.50 0.33
Spillville-----	30	Very limited Depth to saturated zone restricted permeability	1.00 0.25	Very limited Seepage Depth to saturated zone Slope	1.00 0.71 0.33

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675C2: Dickinson-----	60	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
				Slope	1.00
Sharpsburg-----	30	Somewhat limited Restricted permeability	0.91	Very limited Slope	1.00
		Depth to saturated zone	0.40	Seepage	0.50
675D2: Dickinson-----	50	Very limited Filtering capacity	1.00	Very limited Slope	1.00
		Slope	0.63	Seepage	1.00
Sharpsburg-----	40	Somewhat limited Restricted permeability	0.91	Very limited Slope	1.00
		Slope	0.63	Seepage	0.50
		Depth to saturated zone	0.40		
733: Calco-----	100	Very limited Flooding	1.00	Very limited Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		restricted permeability	0.25	Seepage	0.50
822D2: Lamoni-----	100	Very limited Depth to saturated zone	1.00	Very limited Slope	1.00
		Restricted permeability	0.99	Depth to saturated zone	1.00
		Slope	0.63		

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		Rating class and limiting features	Value	Rating class and limiting features	Value
822E2: Lamoni-----	100	Very limited Depth to saturated zone Slope Restricted permeability	1.00 1.00 0.99	Very limited Slope Depth to saturated zone	1.00 1.00
993E2: Gara-----	60	Very limited Slope Restricted permeability Depth to saturated zone	1.00 1.00 0.43	Very limited Slope	1.00
Armstrong-----	30	Very limited Restricted permeability Depth to saturated zone Slope	1.00 1.00 1.00	Very limited Slope Depth to saturated zone	1.00 1.00
C133A: Colo-----	95	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 1.00 0.50
C220: Nodaway-----	90	Very limited Flooding Depth to saturated zone restricted permeability	1.00 1.00 0.25	Very limited Flooding Depth to saturated zone Seepage	1.00 0.71 0.50
T9B: Marshall-----	100	Not limited restricted permeability	0.25	Somewhat limited Seepage Slope	0.50 0.33

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		Rating class and limiting features	Value	Rating class and limiting features	Value
T76B: Ladoga-----	100	Very limited Restricted permeability Depth to saturated zone	1.00 0.40	Somewhat limited Seepage Slope	0.50 0.33
T370B: Sharpsburg-----	100	Somewhat limited Depth to saturated zone restricted permeability	0.40 0.25	Somewhat limited Seepage Slope	0.50 0.33
W: Water-----	100	Not rated		Not rated	